

## APPENDIX A

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FOR U.S. PATENT APPLICATION ENTITLED  
"SYSTEM AND METHODS FOR REMOTELY ACCESSING  
A SELECTED GROUP OF ITEMS OF INTEREST FROM A DATABASE"

0981629-03301  
FOEED" 62891860

```

Sub AboutClick_Click ()
    frmAbout.Show 1
End Sub

Sub cmbCategories_Click ()
    cmdUpdate.Enabled = True
End Sub

Sub cmbHeadings_Click ()
    If curHeadingStr <> cmbHeadings.Text Then
        DeleteCategories
        curHeadingStr = cmbHeadings.Text
        GetHeadingIndex (curHeadingStr)
        GetCategories (curHeadingIndex)
        If NumberOfCategories > 0 Then
            curCategoryStr = CategorySet!Category
            GetCategoryIndex (curCategoryStr)
            CategorySet.MoveFirst
            For i = 1 To NumberOfCategories - 1
                cmbCategories.AddItem CategorySet!Category
                CategorySet.MoveNext
            Next
            cmbCategories.AddItem CategorySet!Category
            cmbCategories.Text = cmbCategories.List(0)
            cmdUpdate.Enabled = True
        End If
    End If
End Sub

Sub cmdUpdate_Click ()
    If ItemNamesOn = True Then
        TItemNamesOn = True
        HideNames (NumberOfItems)
    End If
    HideItems
End Sub

```

```

curCategoryStr = cmbCategories.Text
GetCategoryIndex (curCategoryStr)

Panel3D7.Caption = Cities(CurrentCityIndex).Name
Panel3D9.Caption = Areas(CurrentLocation).Name
Panel3D11.Caption = curCategoryStr
cmdUpdate.Enabled = False
ShowItems (curCategoryIndex)
If TitemNamesOn = True Then
    ShowNames (NumberOfItems)
End If
lblPopItem.Visible = False

End Sub

Sub cmdZoom_Click ()
    lblPopCityArea.Visible = False
    If ZoomLevel = "City" Then 'zoom up to country map
        If AreaNamesOn Then
            HideNames (NumberOfAreas)
        End If
        HideAreas
        ShowCities
        picMain.Picture = picUSA.Picture
        cmdZoom.Visible = False
        Panel3D1.Visible = False
        Panel3D4.Visible = True
        lblUSMapCaption.Visible = False
        Panel3D7.Caption = "None"
        Panel3D9.Caption = "None"
        Panel3D11.Caption = "None"
        lblPopCityArea.Visible = False
        ZoomLevel = "Country"
        HelpShowNames.Checked = False
        If CityNamesOn Then
            ShowNames (NumberOfCities)
        End If
    End If
End If
If ZoomLevel = "Location" Then 'zoom up to city map

```

```

If ItemNamesOn Then
    HideNames (NumberOfItems)
End If
picMain.Picture = CityPicture.Picture
cmdZoom.Caption = "U.S. Map"
HideItems
ShowAreas
ZoomLevel = "City"
picPort.Visible = False
picMain.Visible = True
Panel3D3.Visible = False
cmbCategories.Visible = False
cmbHeadings.Visible = False
cmdUpdate.Visible = False
Panel3D2.Visible = False
lblUSMapCaption.Visible = True
p3DItemInfo.Visible = False
p3DStreetAddLbl.Visible = False
p3DStreetAdd.Visible = False
p3DPhoneLbl.Visible = False
p3DPhone.Visible = False
p3DFaxLbl.Visible = False
p3DFaxNumber.Visible = False
'p3DDescLbl.Visible = False
'p3DDescription.Visible = False
picSponsorAd.Visible = False

curCategoryStr = ""
Panel3D9.Caption = "None"
Panel3D11.Caption = "None"
HelpShowNames.Checked = False
If AreaNamesOn Then
    ShowNames (NumberOfAreas)
End If
End If
End Sub

Sub FileExit_Click ()
End

```

```

End Sub

Sub FilePrint_click ()
    CMDialog1.CancelError = True
    On Error GoTo ErrHandler

    CMDialog1.Action = 5
    PrintForm

ErrHandler:
    Exit Sub

End Sub

Sub Form_Load ()

    ReDim Cities(1)

    'delivery only
    'Set DB = OpenDatabase("civix.mdb")

    'development only
    Set DB = OpenDatabase("t:\client\civix\proto\current\civix.mdb")
    Set GlobalSet = DB.CreateDynaset("SELECT * from Globals")

    PortXPix = GlobalSet!PortPixelsX
    PortYPix = GlobalSet!PortPixelsY
    CityXPix = GlobalSet!CityPixelsX
    CityYPix = GlobalSet!CityPixelsY
    PortXGrid = GlobalSet!{Port Width}
    PortYGrid = GlobalSet!{Port Height}
    MsgBox "XP: " & PortXPix & "YP: " & PortYPix & "XG: " & PortXGrid & "YG: " & PortYGrid

    Set CitySet = DB.CreateDynaset("CitySet")
    Panel3D7.Caption = "None"
    Panel3D9.Caption = "None"
    Panel3D11.Caption = "None"
    GetNumberOfCities
    GetCities

```

```

PixelsWide = Form1.picMain.Width + 10
PixelsHigh = Form1.picMain.Height + 15
ZoomLevel = "Country"
End Sub

```

```

Sub HelpShowNames_Click ()
Select Case ZoomLevel
Case "Country"
    If CityNamesOn Then
        HideNames (NumberOfCities)
        CityNamesOn = False
    Else

```

```

        ShowNames (NumberOfCities)
        CityNamesOn = True
    End If

```

```

Case "City"

```

```

    If AreaNamesOn Then

```

```

        HideNames (NumberOfAreas)
        AreaNamesOn = False
    Else

```

```

        ShowNames (NumberOfAreas)
        AreaNamesOn = True
    End If

```

```

Case "Location"

```

```

    If ItemNamesOn Then

```

```

        HideNames (NumberOfItems)
        ItemNamesOn = False
    Else

```

```

        ShowNames (NumberOfItems)
        ItemNamesOn = True
    End If

```

```

End Select
End Sub

```

```

Sub HideNames (NumNames)

```

```

    HelpShowNames.Checked = False
    Select Case ZoomLevel

```

```

Case "Country"
  For i = 1 To NumNames
    Unload LabelName(i)
  Next
Case "City"
  For i = 1 To NumNames
    Unload LabelName(i)
  Next
Case "Location"
  For i = 1 To NumNames
    Unload LabelNameb(i)
  Next
End Select
End Sub

Sub MoveToAreaMap (Index As Integer)
  If CityNamesOn = True Then
    HideNames (NumberOfCities)
  End If
  picCityPick(Index).BackColor = &H0&
  picUSA.Picture = picMain.Picture
  CityBmpName = GetCityBmpName(Index)

  'use the next line for delivery only
  'picMain.Picture = LoadPicture(CityBmpName)

  'use the next line during development only
  picMain.Picture = LoadPicture("t:\client\civix\proto\current\" & CityBmpName)

  HideCities
  CurrentCityKey = Cities(Index).Key
  CurrentCityIndex = Index
  Panel3D7.Caption = Cities(Index).Name
  Panel3D9.Caption = "None"
  Panel3D11.Caption = "None"
  lblUSMapCaption.Visible = True
  ShowAreas
  cmdZoom.Caption = "U.S. Map"
  lblPopCityArea.Visible = False

```

```

lblPopItem.Visible = False
ZoomLevel = "City"
If AreaNamesOn = True Then
    ShowNames (NumberOfAreas)
End If

```

End Sub

```

Sub MoveToLocationMap (Index As Integer)
    If AreaNamesOn = True Then
        HideNames (NumberOfAreas)
    End If
    lblPopCityArea.Visible = False
    lblPopItem.Visible = False
    picCityPick(Index).BackColor = &H0&
    Form1.MousePointer = 1
    CityPicture.Picture = picMain.Picture

```

AreaBmpName = GetAreaBmpName(Index)

```

'use the next line for delivery only
'picMain.Picture = LoadPicture(AreaBmpName)

```

```

'use the next line during development only
picPort.Picture =
    LoadPicture("t:\client\civix\proto\current\" &
        AreaBmpName)

```

```

CurrentLocation = Index
HideAreas
lblUSMapCaption.Visible = False
p3DItemInfo.Visible = True
p3DStreetAddLbl.Visible = True
p3DPhoneLbl.Visible = True
p3DFaxLbl.Visible = True
'p3DDescLbl.Visible = True
picSponsorAd.Visible = True

p3DStreetAdd.Visible = True

```



```

p3DPhone.Visible = True
p3DFaxNumber.Visible = True
'p3DDescription.Visible = True

p3DStreetAdd.Caption = ""
p3DPhone.Caption = ""
p3DFaxNumber.Caption = ""
p3DDescription.Caption = ""
p3DItemInfo.Caption = "Item Data"

Panel3D2.Visible = True
Panel3D3.Visible = True
Panel3D5.Visible = True
cmdUpdate.Visible = True
picPort.Height = PortYPix
picPort.Width = PortXPix
picPort.Visible = True
picMain.Visible = False
cmbCategories.Visible = True
cmbCategories.Clear
cmbHeadings.Visible = True
cmbHeadings.Clear
GetHeadings
If NumberOfHeadings > 0 Then
    HeadingsSet.MoveFirst
    For i = 1 To NumberOfHeadings - 1
        cmbHeadings.AddItem HeadingsSet!Heading
        HeadingsSet.MoveNext
    Next
    cmbHeadings.AddItem HeadingsSet!Heading
    curHeadingsStr = cmbHeadings.List(0)
    cmbHeadings.Text = cmbHeadings.List(0)
End If
GetHeadingIndex (curHeadingStr)
GetCategories (curHeadingIndex)
If NumberOfCategories > 0 Then
    CategorySet.MoveFirst
    For i = 1 To NumberOfCategories - 1
        cmbCategories.AddItem CategorySet!Category

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```

CategorySet.MoveNext
Next
cmbCategories.AddItem CategorySet!Category
cmbCategories.Text = cmbCategories.List(0)
CategorySet.MoveFirst
curCategoryStr = cmbCategories.Text
GetCategoryIndex (curCategoryStr)
ShowItems (curCategoryIndex)
End If
Panel3D7.Caption = Cities(CurrentCityIndex).Name
Panel3D9.Caption = Areas(CurrentLocation).Name
Panel3D11.Caption = curCategoryStr
cmdZoom.Caption = Cities(CurrentCityIndex).Name & " Map"
ZoomLevel = "Location"
If ItemNamesOn = True Then
    ShowNames (NumberOfItems)
End If

End Sub

Sub picAreaPick_Click (Index As Integer)
    MoveToLocationMap (Index)
End Sub

Sub picAreaPick_GotFocus (Index As Integer)
    picAreaPick(Index).BackColor = &H0&
    If Not AreaNamesOn Then
        lblPopCityArea.Caption = Areas(Index).Name

        topl = picAreaPick(Index).Top
        left1 = picAreaPick(Index).Left + 10
        If (left1 + lblPopCityArea.Width) > picMain.Width Then
            left1 = picMain.Width - lblPopCityArea.Width
            topl = topl - 20
        End If
        If topl < 0 Then
            topl = topl + 10
        End If
        lblPopCityArea.Top = topl
    End Sub

```

```

    topl = topl - 30
  End If
  If topl < 0 Then
    topl = topl + 10
  End If
  lblPopCityArea.Top = topl
  lblPopCityArea.Left = left1
  lblPopCityArea.Visible = True
End If

End Sub

Sub picCityPick_KeyPress (Index As Integer, KeyAscii As Integer)
  If KeyAscii = 13 Or KeyAscii = 43 Then
    MoveToAreaMap (Index)
  End If
End Sub

End Sub

Sub picCityPick_LostFocus (Index As Integer)
  picCityPick(Index).BackColor = &HFFFFFFF
End Sub

Sub picCityPick_MouseMove (Index As Integer, Button As Integer,
  Shift As Integer, X As Single, Y As
  Single)

  Form1.MousePointer = 10
  picCityPick(Index).SetFocus
End Sub

Sub picItemPick_GotFocus (Index As Integer)

  picItemPick(Index).BackColor = &H0&
  If Not ItemNamesOn Then
    lblPopItem.Caption = Items(Index).Name
  topl = picItemPick(Index).Top

```

```

left1 = picItemPick(Index).Left + 10
If (left1 + lblPopItem.Width) > picPort.Width Then
    left1 = picPort.Width - lblPopItem.Width
    topl = topl - 10
End If
If topl < 0 Then
    topl = topl + 10
End If
lblPopItem.Top = topl
lblPopItem.Left = left1
lblPopItem.Visible = True
p3DStreetAdd.Caption = Items(Index).StreetAdd
p3DPhone.Caption = Items(Index).Phone
p3DFaxNumber.Caption = Items(Index).Fax
p3DDescription.Caption = Items(Index).Description
p3DItemInfo.Caption = "Item Data for " &
    Items(Index).Name
End If

End Sub

Sub picItemPick_LostFocus (Index As Integer)
    picItemPick(Index).BackColor = &HFFFFFFF
End Sub

Sub picItemPick_MouseMove (Index As Integer, Button As Integer,
    Shift As Integer, X As Single, Y As
    Single)
    Form1.MousePointer = 10
    picItemPick(Index).SetFocus
End Sub

Sub picMain_Click ()
    Beep
End Sub

```

```

Sub picMain_MouseMove (Button As Integer, Shift As Integer, X As
    Single, Y As Single)
    Form1.MousePointer = 1
End Sub

Sub picPort_Click ( )
    Beep
End Sub

Sub picPort_MouseMove (Button As Integer, Shift As Integer, X As
    Single, Y As Single)
    Form1.MousePointer = 1
End Sub

Sub ShowNames (NumNames)
    lblPopCityArea.Visible = False
    lblPopItem.Visible = False
    HelpShowNames.Checked = True

    Select Case ZoomLevel
    Case "Country"
        For i = 1 To NumNames
            Load LabelName(i)
            LabelName(i).Caption = Cities(i).Name
            top1 = picCityPick(i).Top
            left1 = picCityPick(i).Left + 10
            If top1 < 0 Then
                top1 = top1 + 4
            End If
            LabelName(i).Top = top1
            LabelName(i).Left = left1
            LabelName(i).Visible = True
        Next
    Case "City"
        For i = 1 To NumNames
            Load LabelName(i)
            LabelName(i).Caption = Areas(i).Name

```

```

top1 = picAreaPick(i).Top
left1 = picAreaPick(i).Left + 10
If top1 < 0 Then
    top1 = top1 + 4
End If
LabelName(i).Top = top1
LabelName(i).Left = left1
LabelName(i).Visible = True
Next
Case "Location"
For i = 1 To NumNames
    Load LabelNameb(i)
    LabelNameb(i).Caption = Items(i).Name
    top1 = picItemPick(i).Top
    left1 = picItemPick(i).Left + 10
    If top1 < 0 Then
        top1 = top1 + 4
    End If
    LabelNameb(i).Top = top1
    LabelNameb(i).Left = left1
    LabelNameb(i).Visible = True
Next
End Select
End Sub

```

```

Sub cmdAboutOK_Click ()
    frmAbout.Hide
End Sub

```

```

'
' Copyright 1994 The OXKO Corporation
'
' This software developed by The OXKO

```

Corporation for CIVIX. The ownership

of the software shall transfer to CIVIX

upon payment as arranged.

Global NumberOfCities As Long  
Global NumberOfAreas As Long  
Global NumberOfItems As Long  
Global NumberOfCategories As Long  
Global NumberOfHeadings As Long  
Global ZoomLevel As String  
Global CitySet As Dynaset  
Global AreaSet As Dynaset  
Global ItemSet As Dynaset  
Global CategorySet As Dynaset  
Global HeadingsSet As Dynaset  
Global GlobalSet As Dynaset

Global CurrentCityIndex As Long  
Global CurrentLocation As Long  
Global CurrentCityKey As Long  
Global curCategoryStr As String  
Global curCategoryIndex As Integer  
Global curHeadingStr As String  
Global curHeadingIndex As Integer  
Global Db As Database  
Type CityRecord

Name As String  
MapName As String  
Key As Long  
XCoord As Long  
YCoord As Long  
MaxXGrid As Long  
MaxYGrid As Long  
End Type  
Type AreaRecord  
Name As String

```

MapName As String
XCoord As Long
YCoord As Long
End Type
Type ItemRecord
    Name As String
    StreetAdd As String
    Key As Long
    Category As String
    XCoord As Long
    YCoord As Long
    Directions As String
    Description As String
    Phone As String
    Fax As String
    OwnerManager As String
    Title As String
    OtherAddress As String
End Type
Global Cities() As CityRecord
Global Areas() As AreaRecord
Global Items() As ItemRecord
Global CityBmpName As String
Global AreaBmpName As String
Global CityNamesOn As Integer
Global AreaNamesOn As Integer
Global ItemNamesOn As Integer
Global PortXPix As Integer
Global PortYPix As Integer
Global CityXPix As Integer
Global CityYPix As Integer
Global PortXGrid As Integer
Global PortYGrid As Integer

Sub DeleteCategories ()
    CategorySet.Close
    Form1.cmbCategories.Clear
End Sub

```

' bitmap for a city  
' bitmap for a intersectional point



```

Function GetAreaBmpName (Index As Integer)

    GetAreaBmpName = Areas(Index).MapName

End Function

Sub GetCategories (Key As Integer)

    Set CategorySet = Db.Createdynaset("SELECT DISTINCTROW
Categories.Category, Categories.Index FROM Categories
WHERE (Categories.Heading = " & Key & ") WITH
OWNERACCESS OPTION; ")

    If Not CategorySet.EOF Then
        CategorySet.MoveLast
        NumberOfCategories = CategorySet.RecordCount
        CategorySet.MoveFirst
        MsgBox "Cats : " & NumberOfCategories
    Else
        MsgBox "No Items for this Heading!"
    End If

End Sub

Sub GetCategoryIndex (curCategoryStr As String)

    CategorySet.MoveFirst
    While Not CategorySet.EOF
        If CategorySet!Category = curCategoryStr Then
            curCategoryIndex = CategorySet!Index
        End If
        CategorySet.MoveNext
    Wend

End Sub

Sub GetCities ()
    Index = 1
    CitySet.MoveFirst

```

```

While Not CitySet.EOF
    Cities(Index).MapName = CitySet!FileName
    Cities(Index).Key = CitySet!CityKey
    Cities(Index).Name = CitySet!Name
    Cities(Index).XCoord = CitySet!XCoord
    Cities(Index).YCoord = CitySet!YCoord
    Cities(Index).MaxXGrid = CitySet!MaxXGrid
    Cities(Index).MaxYGrid = CitySet!MaxYGrid
    Load Form1.picCityPick(Index)
    Form1.picCityPick(Index).Top = Cities(Index).YCoord
    Form1.picCityPick(Index).Left = Cities(Index).XCoord
    Form1.picCityPick(Index).Visible = True
    CitySet.MoveNext
    Index = Index + 1
Wend

```

End Sub

```

Function GetCityBmpName (Index As Integer)

```

```

    GetCityBmpName = Cities(Index).MapName

```

End Function

```

Sub GetHeadingIndex (HeadingStr As String)

```

```

    HeadingsSet.MoveFirst
    While Not HeadingsSet.EOF
        If HeadingsSet!Heading = HeadingStr Then
            curHeadingIndex = HeadingsSet!Index
        End If
    HeadingsSet.MoveNext
Wend

```

End Sub

```

Sub GetHeadings ()

Set HeadingsSet = Db.Createdynaset("SELECT DISTINCTROW
CatHeadings.Heading, CatHeadings.Index FROM CatHeadings
WITH OWNERACCESS OPTION;")

If Not HeadingsSet.EOF Then
    HeadingsSet.MoveLast
    NumberOfHeadings = HeadingsSet.RecordCount
    HeadingsSet.MoveFirst
    curHeadingStr = HeadingsSet!Heading
Else
    MsgBox "No Headings!"
End If

End Sub

Sub GetNumberOfCities ()

If Not CitySet.EOF Then
    CitySet.MoveLast
    NumberOfCities = CitySet.RecordCount
Else
    MsgBox "No Cities, cannot continue"
End If
End If
ReDim Cities(NumberOfCities)

End Sub

Sub HideAreas ()

If NumberOfAreas > 0 Then
    For i = 1 To NumberOfAreas
        Form1.picAreaPick(i).Visible = False
    Next
End If


```

```

End Sub

Sub HideCities ()
    Form1.cmdZoom.Visible = True
    Form1.Panel3D1.Visible = True
    Form1.Panel3D4.Visible = False
    For i = 1 To NumberOfCities
        Form1.picCityPick(i).Visible = False
    Next
End Sub

Sub HideItems ()
    For i = 1 To NumberOfItems
        Unload Form1.picItemPick(i)
    Next
    ReDim Items(1)
    NumberOfItems = 0
End Sub

Sub ShowAreas ()
    If NumberOfAreas > 0 Then
        For i = 1 To NumberOfAreas
            Unload Form1.picAreaPick(i)
        Next
        ReDim Areas(1)
        NumberOfAreas = 0
    End If

    Set AreaSet = Db.Createdynaset("SELECT Locations.City,
        Locations.Name, Maps.FileName, Locations.LocationKey,
        GridCoord.XCoord, GridCoord.YCoord FROM Locations,
        Maps, GridCoord, Locations LEFT JOIN Maps ON
        Locations.MapName = Maps.Name, Locations LEFT JOIN
        GridCoord ON Locations.GridLoc = GridCoord.GridKey
        where city = " & CurrentCityKey & " WITH OWNERACCESS
        OPTION;")

```

```

If Not AreaSet.EOF Then
    AreaSet.MoveLast
    NumberOfAreas = AreaSet.RecordCount
Else
    Exit Sub
End If

ReDim Areas(NumberOfAreas)

Index = 1
AreaSet.MoveFirst
While Not AreaSet.EOF
    Areas(Index).MapName = AreaSet.FileName
    Areas(Index).Name = AreaSet.Name
    Areas(Index).XCoord = AreaSet.XCoord
    Areas(Index).YCoord = AreaSet.YCoord
    Load Form1.picAreaPick(Index)

    'MsgBox "CityXPix: " & CityXPix & " CityYPix: " &
        "CityYPix

    'MsgBox "CityMaxX: " & Cities(CurrentCityIndex).MaxXGrid
        & " CityMaxYMax: " &
        Cities(CurrentCityIndex).MaxYGrid

    'MsgBox "X: " & Areas(Index).XCoord & " Y: " &
        Areas(Index).YCoord

    Form1.picAreaPick(Index).Left = CityXPix *
        (Areas(Index).XCoord /
        Cities(CurrentCityIndex).MaxXGrid)

    Form1.picAreaPick(Index).Top = CityYPix *
        (Areas(Index).YCoord /
        Cities(CurrentCityIndex).MaxYGrid)

```

```

Form1.picAreaPick(Index).Visible = True
AreaSet.MoveNext
Index = Index + 1
Wend

```

End Sub

Sub ShowCities ()

```

Form1.cmdZoom.Visible = False
Form1.Panel3D1.Visible = False
Form1.Panel3D4.Visible = True
For i = 1 To NumberOfCities
    Form1.picCityPick(i).Visible = True
    Form1.picCityPick(i).BackColor = &HFFFFFFF
Next

```

End Sub

Sub ShowItems (Key As Integer)

```

MaxX = Areas(CurrentLocation).XCoord + Int(.5 * PortXGrid)-1
Minx = Areas(CurrentLocation).XCoord - Int(.5 * PortXGrid)
MaxY = Areas(CurrentLocation).YCoord + Int(.5 * PortYGrid)-1
MinY = Areas(CurrentLocation).YCoord - Int(.5 * PortYGrid)

```

```

Set ItemSet = Db.Createdynaset("SELECT DISTINCTROW
Items.Name, Items.Description, Items.Directions,
Items.ItemKey, GridCoord.XCoord, GridCoord.YCoord,
Items.StreetAdd, Items.Phone, Items.Fax,
Items.OwnerManager, Items.Title, Items.OtherAddress,
Categories.Index FROM Items, Categories, Cities,
GridCoord, CatsForItems, Cities LEFT JOIN Items ON
Cities.CityKey = Items.CityKey, Items LEFT JOIN
GridCoord ON Items.GridLoc = GridCoord.GridKey, Items
LEFT JOIN CatsForItems ON Items.ItemKey =
CatsForItems.ItemRef, CatsForItems LEFT JOIN Categories
ON CatsForItems.CatRef = Categories.Index WHERE

```

```
((Cities.CityKey = " & CurrentCityKey & ") And
(Categories.Index = " & Key & ") And (GridCoord.XCoord
<= " & MaxX & ") And (GridCoord.XCoord >= " & Minx & ")
And (GridCoord.YCoord <= " & MaxY & ") And
(GridCoord.YCoord >= " & MinY & ")) WITH OWNERACCESS
OPTION;")
```

```
If Not ItemSet.EOF Then
    ItemSet.MoveLast
    NumberOfItems = ItemSet.RecordCount
    'MsgBox " Items: " & NumberOfItems
Else
    'MsgBox "No Items for this Category!"
    Exit Sub
End If
```

```
ReDim Items(NumberOfItems)
```

```
Index = 1
ItemSet.MoveFirst
While Not ItemSet.EOF
    Items(Index).Key = ItemSet.ItemKey
    Items(Index).Name = ItemSet.Name
    Items(Index).Description = ItemSet.Description
    Items(Index).Directions = ItemSet.Directions
    Items(Index).XCoord = ItemSet.XCoord
    Items(Index).YCoord = ItemSet.YCoord
    Items(Index).StreetAdd = ItemSet.StreetAdd
    Items(Index).Phone = ItemSet.Phone
    Items(Index).Fax = ItemSet.Fax
    Items(Index).OwnerManager = ItemSet.OwnerManager
    Items(Index).Title = ItemSet.Title
    Items(Index).OtherAddress = ItemSet.OtherAddress
    Load Form1.picItemPick(Index)
```

```
Form1.picItemPick(Index).Top = Int(((Items(Index).YCoord
- Areas(CurrentLocation).YCoord) / PortYGrid) +
.5) * (PortYPix))
```

```

Form1.picItemPick(Index).Left =
    Int((((Items(Index).XCoord -
        Areas(CurrentLocation).XCoord) / PortXGrid) + .5)
        * (PortXPix))

'MsgBox " Top : " & Form1.picItemPick(Index).Top & "
    Left: " & Form1.picItemPick(Index).Left

Form1.picItemPick(Index).Visible = True
ItemSet.MoveNext
Index = Index + 1
Wend

End Sub

Sub Timer1_Timer ()
    Form1.Show 0
    Splash.Hide
    Timer1.Enabled = False
    Unload Splash

End Sub

```